

What is claimed is:

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1. In a computer system, a method for providing for concurrent subprocessing of a master process, the method comprising the steps of:  
interfacing with a master process when a user-specific operation is encountered;  
mapping a user-specific process so that it overlays virtual addresses of the master process; and  
processing the user-specific operation in the user-specific process.
  2. The method of claim 1, further comprising the step of:  
transferring data between the master process and the user-specific process using a communications channel that does not require the serialization of data.
  3. The method of claim 1, further comprising the step of:  
providing an interface for the user-specific process that mirrors an interface for the master process.
  4. The method of claim 1 wherein the master process is a global locale process and the user-specific process is a locale-dependent process.
  5. The method of claim 1 wherein the user-specific process is mapped after the user-specific operation is encountered.
  6. The method of claim 1 wherein the user-specific process is mapped before the user-specific operation is encountered.
  7. The method of claim 1 further comprising the step of:  
returning processing to the master process after processing the user-specific operation in the user-specific process.

8. A computer-readable medium containing computer instructions that facilitate concurrent handling of subprocesses in a system that utilizes a global process, the medium comprising:

instructions that, when executed, provide for the mapping of a plurality of concurrent user-specific processes, wherein each user-specific process is mapped to virtual addresses that are equivalent to virtual addresses of the global process.

9. The computer-readable medium of claim 8, further comprising:

instructions that, when executed, provide each of the plurality of concurrent user-specific process with an interface that is identical to an interface of the global process.

10. The computer-readable medium of claim 9, further comprising:

instructions that, when executed, provide for the mapping of a subprocesses within each of the plurality of user-specific processes, the subprocesses being mapped to virtual addresses that are equivalent to virtual addresses for user-specific operations of the global process.

11. The computer-readable medium of claim 10, further comprising:

instructions that, when executed, provide for the return of processing to the global process after execution of the subprocesses is complete.

12. A computer system for enabling concurrent multiple subprocess handling in a global process environment, the system comprising:

a global process; and

a virtual memory separator that maps a user-dependent process to virtual addresses that mirror virtual addresses of the global process, the user-dependent process having an interface that mirrors an interface of the global process.

13. The computer system of claim 12 wherein the global process is a global

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locale process and wherein the user-dependent process is a locale-dependent process.

14. The computer system of claim 12 wherein the global process is a global daemon process and wherein the user-dependent process is a user-dependent daemon process.

15. An apparatus for conducting multi-user concurrent handling of subprocesses, the apparatus comprising:

means for interfacing with a master process when a user-specific operation is encountered;

means for mapping a user-specific process so that it overlays virtual addresses of the master process; and

means for processing the user-specific operation in the user-specific process.

16. The apparatus of claim 15, further comprising:

means for transferring data between the master process and the user-specific process using a communications channel that does not require the serialization of data.

17. The apparatus of claim 15, further comprising:

means providing an interface for the user-specific process that mirrors an interface for the master process.

18. The apparatus of claim 15 wherein the master process is a global locale process and the user-specific process is a locale-dependent process.

19. The apparatus of claim 15 wherein the user-specific process is mapped after the user-specific operation is encountered.

20. The apparatus of claim 15 wherein the user-specific process is mapped

21. The apparatus of claim 15, further comprising:  
means for returning processing to the master process after the user-specific operation is executed in the user-specific process.